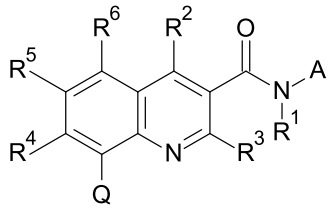
CLAIMS

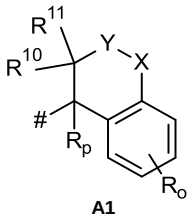
1. A compound of general formula (I):



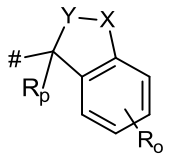
(I)

in which :

A is A1 or A2,



A1



A2

o is 0, 1, 2, 3 or 4,

R is selected from the group consisting of hydrogen, halogen, cyano, nitro, -OH, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl, –S(O)-C_1-C_4-halogenoalkyl and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms,

R_p is selected from the group consisting of hydrogen, C_1-C_4-alkyl,

X, Y are independently selected from the group consisting of CR^7R^8, O, S, and N-R^9, wherein at least one of X and Y is CR^7R^8, or

X, Y form together a ring member selected from the group consisting of -C(O)-O-, -C(O)-NR^9-, -S(O)-NR^9-, -SO_2-NR^9- and -SO_2-O-,

R^1 is selected from the group consisting of hydrogen, cyano, -CHO, -OH, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, C_3-C_6-halogenocycloalkyl having 1 to 5 halogen atoms, C_3-C_4-alkenyl, C_3-C_4-alkynyl, C_1-C_4-alkoxy-C_1-C_4-alkyl, C_3-C_6-cycloalkyl-C_1-C_3-alkyl, cyano-C_1-C_4-alkyl, -NH-C_1-C_4-alkyl, -N(C_1-C_4-alkyl)$_2$, NH_2-C_1-C_4-alkyl-, C_1-C_4-alkyl-NH-C_1-C_4-alkyl-, (C_1-C_4-alkyl)$_2$N-C_1-C_4-alkyl-, C_1-C_4-alkyl-C(O)-, C_1-C_4-halogenoalkyl-C(O)- having 1 to 5 halogen atoms, C_1-C_4-alkoxy-C(O)-,

benzyloxy-C(O)-, C_1-C_4-alkoxy-C_1-C_4-alkyl-C(O)-, -SO_2-C_1-C_4-alkyl, and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms;

phenyl-C_1-C_4-alkyl, optionally substituted by 1, 2, 3, 4 or 5 substituents independently selected from the group consisting of halogen, -OH, -NO_2, cyano, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms;

heterocyclyl-C_1-C_4-alkyl, wherein the heterocyclyl substituent is selected from the group consisting of 4- to 10-membered heterocycloalkyl, 5-membered heteroaryl and 6-membered heteroaryl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, -OH, -NO_2, cyano, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, -S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms,

R^2 is selected from the group consisting of

hydrogen, halogen, cyano, -COOH, C_1-C_4-alkoxy-C(O)-, -C(O)-NH_2, -C(O)-NH(C_1-C_4-alkyl), -C(O)-N(C_1-C_4-alkyl)$_2$;

–$NR^{12}R^{13}$;

–OR^{14};

-SR^{15}, -S(O)R^{15}, -SO_2R^{15};

C_1-C_6-alkyl, C_3-C_6-cycloalkyl, C_2-C_4-alkenyl, C_3-C_6-cycloalkenyl, C_2-C_4-alkynyl or phenyl-C_1-C_4-alkyl, each of which is optionally substituted by 1, 2, 3, 4 or 5 substituents independently selected from the group consisting of halogen, -OH, -NO_2, cyano, C_1-C_4-alkyl-C(O)-, C_1-C_4-alkoxy-C(O)-, -C(O)-NH_2, -C(O)-NH(C_1-C_4-alkyl), -C(O)-N(C_1-C_4-alkyl)$_2$, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -NH(C(O)-C_1-C_4-alkyl), -N(C_1-C_4-alkyl)(C(O)-C_1-C_4-alkyl), -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms;

heterocyclyl-C_1-C_4-alkyl, wherein the heterocyclyl substituent is selected from the group consisting of 4- to 10-membered heterocycloalkyl, 5-membered heteroaryl and 6-membered heteroaryl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, -OH, -NO_2, cyano, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms;

phenyl which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, nitro, -OH, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms; and

a monocyclic or a bicyclic heterocycle selected from the group consisting of 4- to 10-membered heterocycloalkyl, heterospirocycloalkyl, 5-membered heteroaryl and 6-membered heteroaryl, each of which is optionally substituted by 1, 2, 3 or 4 substituents independently selected from the group consisting of halogen, cyano, nitro, -OH, oxo, thiono, -COOH, C_1-C_4-alkoxy-C(O)-, -C(O)-NH_2, -C(O)-NH(C_1-C_4-alkyl), -C(O)-N(C_1-C_4-alkyl)$_2$, C_1-C_4-alkyl, C_1-C_4-alkyl-C(O)--, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, hydroxy-C_1-C_4-alkyl, C_1-C_4-alkoxy-C_1-C_4-alkyl-, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, and 4- to 10-membered heterocycloalkyl,

R^3 is hydrogen or C_1-C_4-alkyl,

R^4 is selected from the group consisting of hydrogen, halogen, -OH, cyano, C_1-C_4-alkyl, C_3-C_6-cycloalkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy-C_1-C_4-alkyl, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_1-C_4-alkyl-C(O)-, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl,

R^5 is selected from the group consisting of hydrogen, halogen, -OH, cyano, C_1-C_4-alkyl, C_3-C_6-cycloalkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy-C_1-C_4-alkyl, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_1-C_4-alkyl-C(O)-, $-NH_2$, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, $-SO_2$-C_1-C_4-alkyl,

R^6 is selected from the group consisting of hydrogen, halogen, -OH, cyano, C_1-C_4-alkyl, C_3-C_6-cycloalkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy-C_1-C_4-alkyl, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_1-C_4-alkyl-C(O)-, $-NH_2$, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, $-SO_2$-C_1-C_4-alkyl,

R^7 is selected from the group consisting of hydrogen, -OH, fluorine, C_1-C_4-alkyl and C_1-C_4-alkoxy,

R^8 is selected from the group consisting of hydrogen, -OH, fluorine, C_1-C_4-alkyl and C_1-C_4-alkoxy,

or R^7 and R^8 together form an oxo group (=O),

or R^7 and R^8 form, together with the carbon atom to which they are attached, a 3- to 6-membered ring selected from the group consisting of C_3-C_6-cycloalkyl and 3- to 6-membered heterocycloalkyl,

R^9 is selected from the group consisting of hydrogen, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and C_1-C_4-alkoxy,

R^{10} is selected from the group consisting of hydrogen, -OH, C_1-C_4-alkyl and C_1-C_4-alkoxy,

R^{11} is selected from the group consisting of hydrogen, C_1-C_4-alkyl and C_1-C_4-alkoxy,

or R^{10} and R^{11} form, together with the carbon atom to which they are attached, a 3- to 6-membered ring selected from the group consisting of C_3-C_6-cycloalkyl and 3- to 6-membered heterocycloalkyl,

R^{12} and R^{13} are independently selected from the group consisting of

hydrogen, -OH, $-NH_2$, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -NH(-C(O)-C_1-C_4-alkyl), -N(C_1-C_4-alkyl)(-C(O)-C_1-C_4-alkyl), C_1-C_4-alkoxy, C_1-C_4-alkoxy-C(O)-;

C_1-C_4-alkyl, C_3-C_6-cycloalkyl, phenyl-C_1-C_4-alkyl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, -OH, cyano, -COOH, C_1-C_4-alkoxy-C(O)-, -C(O)-NH_2, -C(O)-NH(C_1-C_4-alkyl), -C(O)-N(C_1-C_4-alkyl)$_2$, -NH-C(O)-C_1-C_4-alkyl, -N(C_1-C_4-alkyl)(-C(O)-C_1-C_4-

alkyl), C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and (C_1-C_4-alkoxy)$_2$P(=O)-;

heterocyclyl-C_1-C_4-alkyl, wherein the heterocyclyl substituent is selected from the group consisting of 4- to 10-membered heterocycloalkyl, 5-membered heteroaryl and 6-membered heteroaryl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, nitro, -OH, oxo, thiono, -COOH, C_1-C_4-alkoxy-C(O)-, -C(O)-NH_2, -C(O)-NH(C_1-C_4-alkyl), -C(O)-N(C_1-C_4-alkyl)$_2$, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, hydroxy-C_1-C_4-alkyl, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms;

phenyl, benzo-C_5-C_6-cycloalkyl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, nitro, -OH, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms;

a monocyclic or a bicyclic heterocycle selected from the group of 4- to 10-membered heterocycloalkyl, 5-membered heteroaryl and 6-membered heteroaryl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, nitro, -OH, oxo, thiono, -COOH, C_1-C_4-alkoxy-C(O)-, -C(O)-NH_2, -C(O)-NH(C_1-C_4-alkyl), -C(O)-N(C_1-C_4-alkyl)$_2$, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, hydroxy-C_1-C_4-alkyl, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms,

R^{14} is selected from the group consisting of

$-NH_2$, $-NH(C_1-C_4\text{-alkyl})$, $-N(C_1-C_4\text{-alkyl})_2$;

C_1-C_4-alkyl, C_3-C_6-cycloalkyl, phenyl-C_1-C_4-alkyl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, -OH, cyano, -COOH, C_1-C_4-alkoxy-C(O)-, $-C(O)-NH_2$, $-C(O)-NH(C_1-C_4\text{-alkyl})$, $-C(O)-N(C_1-C_4\text{-alkyl})_2$, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, $-NH_2$, $-NH(C_1-C_4\text{-alkyl})$, $-N(C_1-C_4\text{-alkyl})_2$, $-S-C_1-C_4$-alkyl, $-S(O)-C_1-C_4$-alkyl, $-SO_2-C_1-C_4$-alkyl, $-S-C_1-C_4$-halogenoalkyl having 1 to 5 halogen atoms, $-S(O)-C_1-C_4$-halogenoalkyl having 1 to 5 halogen atoms and $-SO_2-C_1-C_4$-halogenoalkyl having 1 to 5 halogen atoms;

heterocyclyl-C_1-C_4-alkyl, wherein the heterocyclyl subsitutent is selected from the group consisting of 4- to 10-membered heterocycloalkyl, 5-membered heteroaryl and 6-membered heteroaryl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, nitro, -OH, oxo, thiono, -COOH, C_1-C_4-alkoxy-C(O)-, $-C(O)-NH_2$, $-C(O)-NH(C_1-C_4\text{-alkyl})$, $-C(O)-N(C_1-C_4\text{-alkyl})_2$, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, hydroxy-C_1-C_4-alkyl, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, $-NH_2$, $-NH(C_1-C_4\text{-alkyl})$, $-N(C_1-C_4\text{-alkyl})_2$, $-S-C_1-C_4$-alkyl, $-S(O)-C_1-C_4$-alkyl, $-SO_2-C_1-C_4$-alkyl, $-S-C_1-C_4$-halogenoalkyl having 1 to 5 halogen atoms, $-S(O)-C_1-C_4$-halogenoalkyl having 1 to 5 halogen atoms and $-SO_2-C_1-C_4$-halogenoalkyl having 1 to 5 halogen atoms;

phenyl, which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, nitro, -OH, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, $-NH_2$, $-NH(C_1-C_4\text{-alkyl})$, $-N(C_1-C_4\text{-alkyl})_2$, $-S-C_1-C_4$-alkyl, $-S(O)-C_1-C_4$-alkyl, $-SO_2-C_1-C_4$-alkyl, $-S-C_1-C_4$-halogenoalkyl having 1 to 5 halogen atoms, $-S(O)-C_1-C_4$-halogenoalkyl having 1 to 5 halogen atoms and $-SO_2-C_1-C_4$-halogenoalkyl having 1 to 5 halogen atoms; and

a monocyclic or a bicyclic heterocycle selected from the group consisting of 4- to 10-membered heterocycloalkyl, 5-membered heteroaryl and 6-membered heteroaryl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, nitro, -OH, oxo, thiono, -COOH, C_1-C_4-alkoxy-C(O)-, $-C(O)-NH_2$, $-C(O)-NH(C_1-C_4\text{-alkyl})$, $-C(O)-N(C_1-C_4\text{-alkyl})_2$, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, hydroxy-C_1-C_4-alkyl,

C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms,

R^{15} is selected from the group consisting of

hydrogen;

C_1-C_4-alkyl, C_3-C_6-cycloalkyl, phenyl-C_1-C_4-alkyl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, -OH, cyano, -COOH, C_1-C_4-alkoxy-C(O)-, -C(O)-NH_2, -C(O)-NH(C_1-C_4-alkyl), -C(O)-N(C_1-C_4-alkyl)$_2$, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms;

heterocyclyl-C_1-C_4-alkyl, wherein the heterocyclyl substituent is selected from the group consisting of 4- to 10-membered heterocycloalkyl, 5-membered heteroaryl and 6-membered heteroaryl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, nitro, -OH, oxo, thiono, -COOH, C_1-C_4-alkoxy-C(O)-, -C(O)-NH_2, -C(O)-NH(C_1-C_4-alkyl), -C(O)-N(C_1-C_4-alkyl)$_2$, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, hydroxy-C_1-C_4-alkyl, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms;

phenyl, which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, nitro, -OH, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms; and

a monocyclic or a bicyclic heterocycle selected from the group consisting of 4- to 10-membered heterocycloalkyl, 5-membered heteroaryl and 6-membered heteroaryl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, nitro, -OH, oxo, thiono, -COOH, C_1-C_4-alkoxy-C(O)-, -C(O)-NH_2, -C(O)-NH(C_1-C_4-alkyl), -C(O)-N(C_1-C_4-alkyl)$_2$, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, hydroxy-C_1-C_4-alkyl, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms,

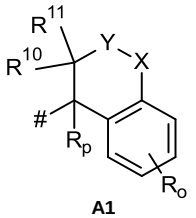
Q is selected from the group consisting of 6- or 10-membered aryl and 5- to 10-membered heteroaryl, each of which is optionally substituted by 1, 2, 3, 4 or 5 substituents selected from the group consisting of halogen, SF_5, cyano, -CHO, nitro, oxo, C_1-C_4-alkyl, C_1-C_4-hydroxyalkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, hydroxy, C_1-C_4-alkoxy, C_3-C_6-cycloalkyl-C_1-C_4-alkoxy, cyano-C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -NH-SO_2-(C_1-C_4-alkyl), -N(SO_2-[C_1-C_4-alkyl])(C_1-C_4-alkyl), (C_1-C_4-alkoxyimino)-C_1-C_4-alkyl, 4- to 6-membered heterocyclyl, which is optionally substituted with 1 or 2 substituents selected from the group consisting of fluorine, chlorine, bromine, methyl and cyano, -CH_2-O-(C_1-C_4-alkyl), -CH_2-NH(C_1-C_4-alkyl), -CH_2-N(C_1-C_4-alkyl)$_2$, methyl substituted with a 4- to 6-membered heterocyclyl which itself is optionally substituted with 1 or 2 substituents selected from the group consisting of fluorine, chlorine, bromine, methyl and cyano, -CH_2-S-(C_1-C_4-alkyl), -CH_2-S(O)-(C_1-C_4-alkyl), -CH_2-SO_2-(C_1-C_4-alkyl), -S-(C_1-C_4-alkyl), -S(O)-(C_1-C_4-alkyl), -SO_2-(C_1-C_4-alkyl), -S-(C_1-C_4-halogenoalkyl) having 1 to 5 halogen atoms, -S(O)-(C_1-C_4-halogenoalkyl) having 1 to 5 halogen atoms, -SO_2-(C_1-C_4-halogenoalkyl) having 1 to 5 halogen atoms, -CONH(C_1-C_4-alkyl), -CONH(C_3-C_6-cycloalkyl), -NHCO(C_1-C_4-alkyl), -NHCO(C_3-C_6-cycloalkyl), -NHCO(C_1-C_4-halogenoalkyl) having 1 to 5 halogen atoms,

wherein when Y is O, S or N-R^9, none of R^7, R^8, R^{10} and R^{11} is -OH, and wherein when X is O, S or N-R^9, none of R^7 and R^8 is -OH,

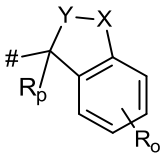
or a stereoisomer, a tautomer, an N-oxide, a hydrate, a solvate, or a salt thereof, or a mixture of same.

2. The compound according to claim 1, wherein:

A is A1 or A2,



A1



A2

o is 0, 1, 2, 3 or 4,

R is selected from the group consisting of hydrogen, halogen, cyano, nitro, -OH, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl, –S(O)-C_1-C_4-halogenoalkyl and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms,

R_p is selected from the group consisting of hydrogen, C_1-C_4-alkyl,

X, Y are independently selected from the group consisting of CR^7R^8, O, S, and N-R^9, wherein at least one of X and Y is CR^7R^8, or

X, Y form together a ring member selected from the group consisting of -C(O)-O-, -C(O)-NR^9-, -S(O)-NR^9-, -SO_2-NR^9- and -SO_2-O-,

R^1 is selected from the group consisting of hydrogen, cyano, -CHO, -OH, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, C_3-C_6-halogenocycloalkyl having 1 to 5 halogen atoms, C_3-C_4-alkenyl, C_3-C_4-alkynyl, C_1-C_4-alkoxy-C_1-C_4-alkyl, C_3-C_6-cycloalkyl-C_1-C_3-alkyl, cyano-C_1-C_4-alkyl, -NH-C_1-C_4-alkyl, -N(C_1-C_4-alkyl)$_2$, NH_2-C_1-C_4-alkyl-, C_1-C_4-alkyl-NH-C_1-C_4-alkyl-, (C_1-C_4-alkyl)$_2$N-C_1-C_4-alkyl-, C_1-C_4-alkyl-C(O)-, C_1-C_4-halogenoalkyl-C(O)- having 1 to 5 halogen atoms, C_1-C_4-alkoxy-C(O)-, benzyloxy-C(O)-, C_1-C_4-alkoxy-C_1-C_4-alkyl-C(O)-, -SO_2-C_1-C_4-alkyl, and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms;

phenyl-C_1-C_4-alkyl, optionally substituted by 1, 2, 3, 4 or 5 substituents independently selected from the group consisting of halogen, -OH, -NO_2, cyano, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms;

heterocyclyl-C_1-C_4-alkyl, wherein the heterocyclyl substituent is selected from the group consisting of 4- to 10-membered heterocycloalkyl, 5-membered heteroaryl and 6-membered heteroaryl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, -OH, -NO_2, cyano, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms,

R^2 is selected from the group consisting of

hydrogen, halogen, cyano, -COOH, C_1-C_4-alkoxy-C(O)-, -C(O)-NH_2, -C(O)-NH(C_1-C_4-alkyl), -C(O)-N(C_1-C_4-alkyl)$_2$;

–$NR^{12}R^{13}$;

–OR^{14};

-SR^{15}, -S(O)R^{15}, -SO_2R^{15};

C_1-C_6-alkyl, C_3-C_6-cycloalkyl, C_2-C_4-alkenyl, C_3-C_6-cycloalkenyl, C_2-C_4-alkynyl or phenyl-C_1-C_4-alkyl, each of which is optionally substituted by 1, 2, 3, 4 or 5 substituents independently selected from the group consisting of halogen, -OH, -NO_2, cyano, C_1-C_4-alkyl-C(O)-, C_1-C_4-alkoxy-C(O)-, -C(O)-NH_2, -C(O)-NH(C_1-C_4-alkyl), -C(O)-N(C_1-C_4-alkyl)$_2$, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -NH(C(O)-C_1-C_4-alkyl), -N(C_1-C_4-alkyl)(C(O)-C_1-C_4-alkyl), -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms;

heterocyclyl-C_1-C_4-alkyl, wherein the heterocyclyl substituent is selected from the group consisting of 4- to 10-membered heterocycloalkyl, 5-membered heteroaryl and 6-membered heteroaryl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, -OH, -NO_2, cyano, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms;

phenyl which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, nitro, -OH, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms; and

a monocyclic or a bicyclic heterocycle selected from the group consisting of 4- to 10-membered heterocycloalkyl, heterospirocycloalkyl, 5-membered heteroaryl and 6-membered heteroaryl, each of which is optionally substituted by 1, 2, 3 or 4 substituents independently selected from the group consisting of halogen, cyano, nitro, -OH, oxo, thiono, -COOH, C_1-C_4-alkoxy-C(O)-, -C(O)-NH_2, -C(O)-NH(C_1-C_4-alkyl), -C(O)-N(C_1-C_4-alkyl)$_2$, C_1-C_4-alkyl, C_1-C_4-alkyl-C(O)-, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, hydroxy-C_1-C_4-alkyl, C_1-C_4-alkoxy-C_1-C_4-alkyl-, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms,–SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and 4- to 10-membered heterocycloalkyl,

R^3 is hydrogen, or C_1-C_4-alkyl,

R^4 is selected from the group consisting of hydrogen, halogen, -OH, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$,

R^5 is selected from the group consisting of hydrogen, halogen, -OH, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$,

R^6 is selected from the group consisting of hydrogen, halogen, -OH, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$,

R^7 is selected from the group consisting of hydrogen, -OH, fluorine, C_1-C_4-alkyl and C_1-C_4-alkoxy,

R^8 is selected from the group consisting of hydrogen, -OH, fluorine, C_1-C_4-alkyl and C_1-C_4-alkoxy,

or R^7 and R^8 together form an oxo group (=O),

R^9 is selected from the group consisting of hydrogen, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and C_1-C_4-alkoxy,

R^{10} is selected from the group consisting of hydrogen, -OH, C_1-C_4-alkyl and C_1-C_4-alkoxy,

R^{11} is selected from the group consisting of hydrogen, C_1-C_4-alkyl and C_1-C_4-alkoxy,

R^{12} and R^{13} are independently selected from the group consisting of

hydrogen, -OH, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -NH(-C(O)-C_1-C_4-alkyl), C_1-C_4-alkoxy;

C_1-C_4-alkyl, C_3-C_6-cycloalkyl, phenyl-C_1-C_4-alkyl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, -OH, cyano, -COOH, C_1-C_4-alkoxy-C(O)-, -C(O)-NH_2, -C(O)-NH(C_1-C_4-alkyl), -C(O)-N(C_1-C_4-alkyl)$_2$, -NH-C(O)-C_1-C_4-alkyl, -N(C_1-C_4-alkyl)-(-C(O)-C_1-C_4-alkyl), C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and (C_1-C_4-alkoxy)$_2$P(=O)-;

heterocyclyl-C_1-C_4-alkyl, wherein the heterocyclyl substituent is selected from the group consisting of 4- to 10-membered heterocycloalkyl, 5-membered heteroaryl and 6-membered heteroaryl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, nitro, -OH, oxo, thiono, -COOH, C_1-C_4-alkoxy-C(O)-, -C(O)-NH_2, -C(O)-NH(C_1-C_4-alkyl), -C(O)-N(C_1-C_4-alkyl)$_2$, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, hydroxy-C_1-C_4-alkyl, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms;

phenyl, benzo-C_5-C_6-cycloalkyl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, nitro, -OH, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl

having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms; and

a monocyclic or a bicyclic heterocycle selected from the group of 4- to 10-membered heterocycloalkyl, 5-membered heteroaryl and 6-membered heteroaryl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, nitro, -OH, oxo, thiono, -COOH, C_1-C_4-alkoxy-C(O)-, -C(O)-NH_2, -C(O)-NH(C_1-C_4-alkyl), -C(O)-N(C_1-C_4-alkyl)$_2$, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, hydroxy-C_1-C_4-alkyl, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms,

R^{14} is selected from the group consisting of

-NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$;

C_1-C_4-alkyl, C_3-C_6-cycloalkyl, phenyl-C_1-C_4-alkyl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, -OH, cyano, -COOH, C_1-C_4-alkoxy-C(O)-, -C(O)-NH_2, -C(O)-NH(C_1-C_4-alkyl), -C(O)-N(C_1-C_4-alkyl)$_2$, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms;

heterocyclyl-C_1-C_4-alkyl, wherein the heterocyclyl subsitutent is selected from the group consisting of 4- to 10-membered heterocycloalkyl, 5-membered heteroaryl and 6-membered heteroaryl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, nitro, -OH, oxo, thiono, -COOH, C_1-C_4-alkoxy-C(O)-, -C(O)-NH_2, -C(O)-NH(C_1-C_4-alkyl), -C(O)-N(C_1-C_4-alkyl)$_2$, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, hydroxy-C_1-C_4-alkyl, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms;

phenyl, which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, nitro, -OH, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms; and

a monocyclic or a bicyclic heterocycle selected from the group consisting of 4- to 10-membered heterocycloalkyl, 5-membered heteroaryl and 6-membered heteroaryl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, nitro, -OH, oxo, thiono, -COOH, C_1-C_4-alkoxy-C(O)-, -C(O)-NH_2, -C(O)-NH(C_1-C_4-alkyl), -C(O)-N(C_1-C_4-alkyl)$_2$, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, hydroxy-C_1-C_4-alkyl, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms,

R^{15} is selected from the group consisting of

hydrogen;

C_1-C_4-alkyl, C_3-C_6-cycloalkyl, phenyl-C_1-C_4-alkyl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, -OH, cyano, -COOH, C_1-C_4-alkoxy-C(O)-, -C(O)-NH_2, -C(O)-NH(C_1-C_4-alkyl), -C(O)-N(C_1-C_4-alkyl)$_2$, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms;

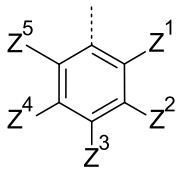
heterocyclyl-C_1-C_4-alkyl, wherein the heterocyclyl substituent is selected from the group consisting of 4- to 10-membered heterocycloalkyl, 5-membered heteroaryl and 6-membered heteroaryl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, nitro, -OH, oxo, thiono, -COOH, C_1-C_4-alkoxy-C(O)-, -C(O)-NH_2, -C(O)-NH(C_1-C_4-alkyl), -C(O)-N(C_1-C_4-alkyl)$_2$, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, hydroxy-C_1-C_4-alkyl, C_1-C_4-halogenoalkoxy having 1 to 5

halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms;

phenyl, which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, nitro, -OH, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms; and

a monocyclic or a bicyclic heterocycle selected from the group consisting of 4- to 10-membered heterocycloalkyl, 5-membered heteroaryl and 6-membered heteroaryl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, nitro, -OH, oxo, thiono, -COOH, C_1-C_4-alkoxy-C(O)-, -C(O)-NH_2, -C(O)-NH(C_1-C_4-alkyl), -C(O)-N(C_1-C_4-alkyl)$_2$, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, hydroxy-C_1-C_4-alkyl, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms,

Q is a substituted phenyl ring of the formula (Q1)



(Q1)

in which:

Z^1, Z^2, Z^3, Z^4, and Z^5 are independently selected from the group consisting of hydrogen, halogen, SF_5, cyano, -CHO, nitro, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, hydroxy, C_1-C_4-alkoxy, C_3-C_6-cycloalkyl-C_1-C_4-alkoxy, cyano-C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -NH-SO_2-(C_1-C_4-alkyl), -N(SO_2-[C_1-C_4-alkyl])(C_1-C_4-alkyl), (C_1-C_4-alkoxyimino)-C_1-C_4-alkyl, 4- to 6-membered

heterocyclyl, which is optionally substituted with 1 or 2 substituents selected from the group consisting of fluorine, chlorine, bromine, methyl and cyano, -CH_2-O-(C_1-C_4-alkyl), -CH_2-NH(C_1-C_4-alkyl), -CH_2-N(C_1-C_4-alkyl)$_2$, methyl substituted with a 4- to 6-membered heterocyclyl which itself is optionally substituted with 1 or 2 substituents selected from the group consisting of fluorine, chlorine, bromine, methyl and cyano, -CH_2-S-(C_1-C_4-alkyl), -CH_2-S(O)-(C_1-C_4-alkyl), -CH_2-SO_2-(C_1-C_4-alkyl), -S-(C_1-C_4-alkyl), -S(O)-(C_1-C_4-alkyl), -SO_2-(C_1-C_4-alkyl), -S-(C_1-C_4-halogenoalkyl) having 1 to 5 halogen atoms, -S(O)-(C_1-C_4-halogenoalkyl) having 1 to 5 halogen atoms, -SO_2-(C_1-C_4-halogenoalkyl) having 1 to 5 halogen atoms, -CONH(C_1-C_4-alkyl), -CONH(C_3-C_6-cycloalkyl), -NHCO(C_1-C_4-alkyl), -NHCO(C_3-C_6-cycloalkyl), -NHCO(C_1-C_4-halogenoalkyl) having 1 to 5 halogen atoms, or

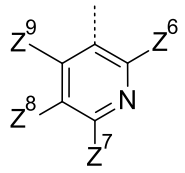
Z^1 and Z^2 form, together with the carbon atoms that they are connected to, a 5- or 6-membered saturated or partially saturated heterocyclic ring, a 5-membered heteroaryl, or a 6-membered heteroaryl, each of which may be optionally substituted with one or two substituents selected from the group consisting of methyl, fluorine and oxo, and

Z^3, Z^4, and Z^5 are independently selected from the group consisting of hydrogen, halogen, SF_5, cyano, CHO, nitro, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, hydroxy, C_1-C_4-alkoxy, C_3-C_6-cycloalkyl-C_1-C_4-alkoxy, cyano-C_1-C_4-alkoxy, C_1-C_4-alkoxy-C(O)-, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -NH-SO_2-(C_1-C_4-alkyl), -N(SO_2-[C_1-C_4-alkyl])(C_1-C_4-alkyl), (C_1-C_4-alkoxyimino)-C_1-C_4-alkyl, 4- to 6-membered heterocycloalkyl which is optionally substituted with 1 or 2 substituents selected from the group consisting of fluorine, methyl or cyano, -CH_2-O-(C_1-C_4-alkyl), -CH_2-NH(C_1-C_4-alkyl), -CH_2-N(C_1-C_4-alkyl)$_2$, methyl substituted with a 4- to 6-membered heterocycloalkyl which itself is optionally substituted with 1 or 2 substituents selected from the group consisting of fluorine, methyl or cyano, -CH_2-S-(C_1-C_4-alkyl), -CH_2-S(O)-(C_1-C_4-alkyl), -CH_2-SO_2-(C_1-C_4-alkyl), -S-(C_1-C_4-alkyl), -S(O)-(C_1-C_4-alkyl), -SO_2-(C_1-C_4-alkyl), -S-(C_1-C_4-halogenoalkyl) having 1 to 5 halogen atoms, -S(O)-(C_1-C_4-halogenoalkyl) having 1 to 5 halogen atoms, -SO_2-(C_1-C_4-halogenoalkyl) having 1 to 5 halogen atoms, -CONH(C_1-C_4-alkyl), -CONH(C_3-C_6-cycloalkyl), -NHCO(C_1-C_4-alkyl), -NHCO(C_3-C_6-cycloalkyl), -NHCO(C_1-C_4-halogenoalkyl) having 1 to 5 halogen atoms, or

Z^2 and Z^3 form, together with the carbon atoms that they are connected to, a 5- or 6-membered saturated or partially saturated heterocyclic ring, a 5-membered heteroaryl, or a 6-membered heteroaryl, each of which may be optionally substituted with one or two substituents selected from the group consisting of methyl, fluorine and oxo, and

Z^1, Z^4, and Z^5 are independently selected from the group consisting of hydrogen, halogen, SF_5, cyano, CHO, nitro, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, hydroxy, C_1-C_4-alkoxy, C_3-C_6-cycloalkyl-C_1-C_4-alkoxy, cyano-C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -NH-SO_2-(C_1-C_4-alkyl), -N(SO_2-[C_1-C_4-alkyl])(C_1-C_4-alkyl), (C_1-C_4-alkoxyimino)-C_1-C_4-alkyl, 4- to 6-membered heterocycloalkyl which is optionally substituted with 1 or 2 substituents selected from the group consisting of fluorine, methyl or cyano, -CH_2-O-(C_1-C_4-alkyl), -CH_2-NH(C_1-C_4-alkyl), -CH_2-N(C_1-C_4-alkyl)$_2$, methyl substituted with a 4- to 6-membered heterocycloalkyl which itself is optionally substituted with 1 or 2 substituents selected from the group consisting of fluorine, methyl or cyano, -CH_2-S-(C_1-C_4-alkyl), -CH_2-S(O)-(C_1-C_4-alkyl), -CH_2-SO_2-(C_1-C_4-alkyl), -S-(C_1-C_4-alkyl), -S(O)-(C_1-C_4-alkyl), -SO_2-(C_1-C_4-alkyl), -S-(C_1-C_4-halogenoalkyl) having 1 to 5 halogen atoms, -S(O)-(C_1-C_4-halogenoalkyl) having 1 to 5 halogen atoms, -SO_2-(C_1-C_4-halogenoalkyl) having 1 to 5 halogen atoms, -CONH(C_1-C_4-alkyl), -CONH(C_3-C_6-cycloalkyl), -NHCO(C_1-C_4-alkyl), -NHCO(C_3-C_6-cycloalkyl), -NHCO(C_1-C_4-halogenoalkyl) having 1 to 5 halogen atoms, or

Q is a pyridine ring of the formula (Q2)

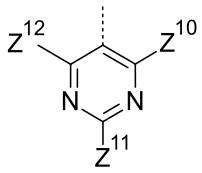


(Q2)

in which:

Z^6, Z^7, Z^8 and Z^9 are independently selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, or

Q is a pyrimidine ring of the formula (Q3)

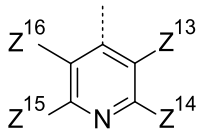


(Q3)

in which:

Z^{10}, Z^{11} and Z^{12} are independently selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, or

Q is a pyridine ring of the formula (Q4)

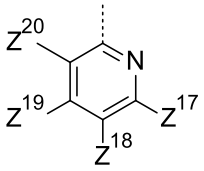


(Q4)

in which:

Z^{13}, Z^{14}, Z^{15} and Z^{16} are independently selected from the group consisting of hydrogen halogen, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_1-C_4-hydroxyalkyl, NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -NH-CO-C_1-C_4-alkyl, and monocyclic heterocycles selected from the group of 4- to 7-membered heterocycloalkyl or 5-membered heteroaryls having at least one nitrogen atom via which the heteroaryl ring is connected to the pyridine ring, each of which is optionally substituted with 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, nitro, -OH, oxo, thiono, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, -S-(C_1-C_4-halogenoalkyl) having 1 to 5 halogen atoms, -S(O)-(C_1-C_4-halogenoalkyl) having 1 to 5 halogen atoms, -SO_2-(C_1-C_4-halogenoalkyl) having 1 to 5 halogen atoms, or

Q is a pyridine ring of the formula (Q5)

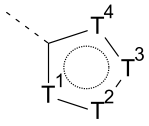


(Q5)

in which:

Z^{17}, Z^{18}, Z^{19} and Z^{20} are independently selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, or

Q is a 5-membered aromatic heterocycle of the formula (Q6)



(Q6)

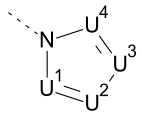
in which:

T^1 – T^4 are independently selected from the group consisting of N, O, S, C-Z^{21} and N-Z^{22}, wherein not more than one of T^1 – T^4 is O, not more than one of T^1 – T^4 is S, not more than one of T^1 – T^4 is N-Z^{22}, and wherein

each Z^{21} is independently selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, and

each Z^{22} is independently selected from the group consisting of hydrogen, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkyl-C_3-C_6-cycloalkyl, C_1-C_4-alkoxy-C_1-C_4-alkyl, or

Q is a 5-membered aromatic heterocycle of the formula (Q7)



(Q7)

in which:

U^1 – U^4 are independently selected from the group consisting of N and C-Z^{23}, wherein not more than three of U^1 – U^4 are N, and wherein

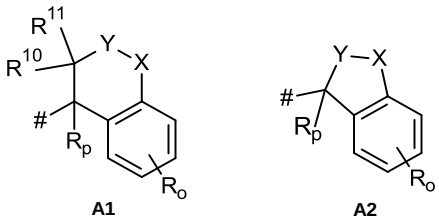
each Z^{23} is independently selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms,

wherein when Y is O, S or N-R^9, none of R^7, R^8, R^{10} and R^{11} is -OH, and wherein when X is O, S or N-R^9, none of R^7 and R^8 is -OH,

or a stereoisomer, a tautomer, an N-oxide, a hydrate, a solvate, or a salt thereof, or a mixture of same.

3. The compound according to claim 1 or 2, wherein:

A is A1 or A2,



A1 **A2**

o is 0, 1 or 2,

R is selected from the group consisting of halogen, C_1-C_4-alkyl and C_1-C_4-alkoxy, cyano, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms,

R_p is selected from the group consisting of hydrogen, C_1-C_4-alkyl,

X, Y are independently selected from the group consisting of CR^7R^8, O, S, and N-R^9, wherein at least one of X and Y is CR^7R^8,

R^1 is selected from the group consisting of hydrogen, C_1-C_4-alkyl, C_3-C_6-cycloalkyl, C_3-C_4-alkenyl, C_3-C_4-alkynyl, C_1-C_4-alkoxy-C_1-C_4-alkyl, C_3-C_6-cycloalkyl-C_1-C_3-alkyl, cyano-C_1-C_4-alkyl,

R^2 is selected from the group consisting of

hydrogen, halogen, cyano, -COOH, C_1-C_4-alkoxy-C(O)-, -C(O)-NH_2, -C(O)-NH(C_1-C_4-alkyl), -C(O)-N(C_1-C_4-alkyl)$_2$;

–$NR^{12}R^{13}$;

–OR^{14};

-SR^{15}, -S(O)R^{15}, -SO_2R^{15};

C_1-C_4-alkyl, C_3-C_6-cycloalkyl, C_2-C_4-alkenyl, C_3-C_6-cycloalkenyl, C_2-C_4-alkynyl or phenyl-C_1-C_4-alkyl, each of which is optionally substituted by 1, 2, 3, 4 or 5 substituents independently selected from the group consisting of halogen, -OH, cyano, C_1-C_4-alkoxy-C(O)-, -C(O)-NH_2, -C(O)-NH(C_1-C_4-alkyl), -C(O)-N(C_1-C_4-alkyl)$_2$, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -NH(C(O)-C_1-C_4-alkyl), -N(C_1-C_4-alkyl)(C(O)-C_1-C_4-alkyl), -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms; and

a monocyclic or a bicyclic heterocycle selected from the group consisting of 4- to 10-membered heterocycloalkyl, heterospirocycloalkyl, 5-membered heteroaryl and 6-membered heteroaryl, each of which is optionally substituted by 1, 2, 3 or 4 substituents independently selected from the group consisting of halogen, cyano, -OH, oxo, -COOH, C_1-C_4-alkoxy-C(O)-, -C(O)-NH_2, -C(O)-NH(C_1-C_4-alkyl), -C(O)-N(C_1-C_4-alkyl)$_2$, C_1-C_4-alkyl, C_1-C_4-alkyl-C(O)-, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, hydroxy-C_1-C_4-alkyl, C_1-C_4-alkoxy-C_1-C_4-alkyl-, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, and 4- to 10-membered heterocycloalkyl,

R^3 is hydrogen or C_1-C_4-alkyl,

R^4 is selected from the group consisting of hydrogen, halogen, -OH, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$,

R^5 is selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$,

R^6 is selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$,

R^7 is selected from the group consisting of hydrogen and C_1-C_4-alkyl,

R^8 is selected from the group consisting of hydrogen and C_1-C_4-alkyl,

or R^7 and R^8 together form an oxo group (=O),

R^9 is C_1-C_4-alkyl,

R^{10} is selected from the group consisting of hydrogen, -OH, C_1-C_4-alkyl and C_1-C_4-alkoxy,

R^{11} is hydrogen,

R^{12} and R^{13} are independently selected from the group consisting of

hydrogen, -NH(-C(O)-C_1-C_4-alkyl), C_1-C_4-alkoxy;

C_1-C_4-alkyl, C_3-C_6-cycloalkyl, phenyl-C_1-C_4-alkyl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, -OH, cyano, -COOH, C_1-C_4-alkoxy-C(O)-, -C(O)-NH_2, -C(O)-NH(C_1-C_4-alkyl), -C(O)-N(C_1-C_4-alkyl)$_2$, -NH-C(O)-C_1-C_4-alkyl, -N(C_1-C_4-alkyl)-(-C(O)-C_1-C_4-alkyl), C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, –S-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –S(O)-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, –SO_2-C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and (C_1-C_4-alkoxy)$_2$P(=O)-;

heterocyclyl-C_1-C_4-alkyl, wherein the heterocyclyl substituent is selected from the group consisting of 4- to 10-membered heterocycloalkyl, 5-membered heteroaryl and 6-membered heteroaryl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, -OH, oxo, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms;

phenyl, benzo-C_5-C_6-cycloalkyl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms; and

a monocyclic or a bicyclic heterocycle selected from the group of 4- to 10-membered heterocycloalkyl, 5-membered heteroaryl and 6-membered heteroaryl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, -OH, oxo, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms,

R^{14} is selected from the group consisting of

C_1-C_4-alkyl, C_3-C_6-cycloalkyl, phenyl-C_1-C_4-alkyl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, -OH, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl; and

heterocyclyl-C_1-C_4-alkyl, wherein the heterocyclyl subsitutent is selected from the group consisting of 4- to 10-membered heterocycloalkyl, 5-membered heteroaryl and 6-membered heteroaryl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, -OH, oxo, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms;

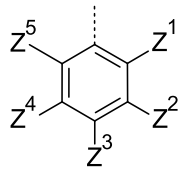
R^{15} is selected from the group consisting of

hydrogen;

C_1-C_4-alkyl, phenyl-C_1-C_4-alkyl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, -OH, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms;

heterocyclyl-C_1-C_4-alkyl, wherein the heterocyclyl substituent is selected from the group consisting of 4- to 10-membered heterocycloalkyl, 5-membered heteroaryl and 6-membered heteroaryl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms;

Q is a substituted phenyl ring of the formula (Q1)



(Q1)

in which:

Z^1, Z^2, Z^3, Z^4, and Z^5 are independently selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, hydroxy, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, 4- to 6-membered heterocyclyl, which is optionally substituted with 1 or 2 substituents selected from the group consisting of fluorine, chlorine, bromine, methyl and cyano, -S-(C_1-C_4-alkyl), -S(O)-(C_1-C_4-alkyl), -SO_2-(C_1-C_4-alkyl), or

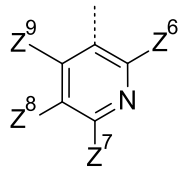
Z^1 and Z^2 form, together with the carbon atoms that they are connected to, a 5- or 6-membered heterocycloalkyl, a 5-membered heteroaryl, or a 6-membered heteroaryl, each of which may be optionally substituted with one or two substituents selected from the group consisting of methyl, fluorine and oxo, and

Z^3, Z^4, and Z^5 are independently selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-alkoxy-C(O)-, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, or

Z^2 and Z^3 form, together with the carbon atoms that they are connected to, a 5- or 6-membered saturated or partially saturated heterocyclic ring, a 5-membered heteroaryl, or a 6-membered heteroaryl, each of which may be optionally substituted with one or two substituents selected from the group consisting of methyl, fluorine and oxo, and

Z^1, Z^4, and Z^5 are independently selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, or

Q is a pyridine ring of the formula (Q2)

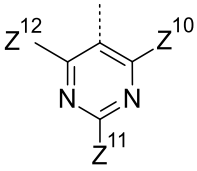


(Q2)

in which:

Z^6, Z^7, Z^8 and Z^9 are independently selected from the group consisting of hydrogen halogen, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, or

Q is a pyrimidine ring of the formula (Q3)

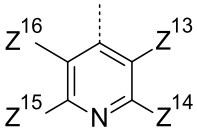


(Q3)

in which:

Z^{10}, Z^{11} and Z^{12} are independently selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, or

Q is a pyridine ring of the formula (Q4)



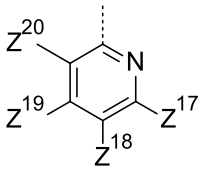
(Q4)

in which:

Z^{13}, Z^{14}, Z^{15} and Z^{16} are independently selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_1-C_4-hydroxyalkyl, NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -NH-CO-

C_1-C_4-alkyl, and monocyclic heterocycles selected from the group of 4- to 7-membered heterocycloalkyl or 5-membered heteroaryls having at least one nitrogen atom via which the heteroaryl ring is connected to the pyridine ring, each of which is optionally substituted with 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, nitro, -OH, oxo, thiono, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, $-NH_2$, $-NH(C_1$-C_4-alkyl), $-N(C_1$-C_4-alkyl)$_2$, $-S$-C_1-C_4-alkyl, $-S(O)$-C_1-C_4-alkyl, $-SO_2$-C_1-C_4-alkyl, $-S$-(C_1-C_4-halogenoalkyl) having 1 to 5 halogen atoms, $-S(O)$-(C_1-C_4-halogenoalkyl) having 1 to 5 halogen atoms, $-SO_2$-(C_1-C_4-halogenoalkyl) having 1 to 5 halogen atoms, or

Q is a pyridine ring of the formula (Q5)

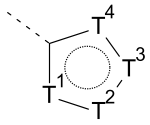


(Q5)

in which:

Z^{17}, Z^{18}, Z^{19} and Z^{20} are independently selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, $-NH(C_1$-C_4-alkyl), $-N(C_1$-C_4-alkyl)$_2$, or

Q is a 5-membered aromatic heterocycle of the formula (Q6)



(Q6)

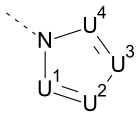
in which:

T^1 – T^4 are independently selected from the group consisting of N, O, S, C-Z^{21} and N-Z^{22}, wherein not more than one of T^1 – T^4 is O, not more than one of T^1 – T^4 is S, not more than one of T^1 – T^4 is N-Z^{22}, and wherein

each Z^{21} is independently selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, and

each Z^{22} is independently selected from the group consisting of hydrogen, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkyl-C_3-C_6-cycloalkyl, C_1-C_4-alkoxy-C_1-C_4-alkyl, or

Q is a 5-membered aromatic heterocycle of the formula (Q7)



(Q7)

in which:

U^1 – U^4 are independently selected from the group consisting of N and C-Z^{23}, wherein not more than three of U^1 – U^4 are N, and wherein

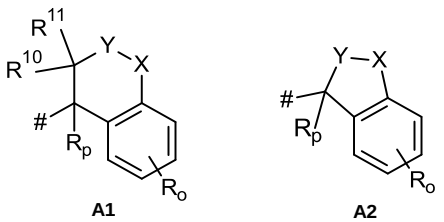
each Z^{23} is independently selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy,

wherein when Y is O, S or N-R^9, R^{10} is not -OH,

or a stereoisomer, a tautomer, an N-oxide, a hydrate, a solvate, or a salt thereof, or a mixture of same.

4. The compound according to claim 1, 2 or 3, wherein:

A is A1 or A2,



o is 0, 1 or 2,

R is selected from the group consisting of halogen, C_1-C_4-alkyl and C_1-C_4-alkoxy,

R_p is selected from the group consisting of hydrogen, C_1-C_4-alkyl,

X is selected from the group consisting of CR^7R^8, O, S, and N-R^9,

Y is CR^7R^8 or O,

R^1 is hydrogen or C_1-C_4-alkyl,

R^2 is selected from the group consisting of

hydrogen, halogen, -C(O)-N(C_1-C_4-alkyl)$_2$;

–$NR^{12}R^{13}$;

–OR^{14};

-SR^{15}, -S(O)R^{15}, -SO_2R^{15};

C_1-C_4-alkyl, C_3-C_6-cycloalkyl, C_2-C_4-alkenyl or C_3-C_6-cycloalkenyl, each of which is optionally substituted by 1, 2, 3, 4 or 5 substituents independently selected from the group consisting of halogen, -OH, cyano, C_1-C_4-alkoxy-C(O)- and -C(O)-NH_2 C_1-C_4-alkoxy, -NH_2, -N(C_1-C_4-alkyl)$_2$, -N(C_1-C_4-alkyl)(C(O)-C_1-C_4-alkyl); and

a monocyclic or a bicyclic heterocycle selected from the group consisting of 4- to 10-membered heterocycloalkyl, heterospirocycloalkyl, 5-membered heteroaryl, and 6-membered heteroaryl, each of which is optionally substituted by 1, 2, 3 or 4 substituents independently selected from the group consisting of halogen, -OH, oxo, -COOH, C_1-C_4-alkoxy-C(O)-, -C(O)-NH_2, C_1-C_4-alkyl, C_1-C_4-alkyl-C(O)-, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, hydroxy-C_1-C_4-alkyl-, C_1-C_4-alkoxy-C_1-C_4-alkyl-, -NH_2, -N(C_1-C_4-alkyl)$_2$, and 4- to 10-membered heterocycloalkyl,

R^3 is hydrogen or C_1-C_4-alkyl,

R^4 is selected from the group consisting of hydrogen, halogen, -OH, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms,

R^5 is selected from the group consisting of hydrogen, halogen, -OH, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy,

R^6 is selected from the group consisting of hydrogen, halogen, -OH, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy,

R^7 is selected from the group consisting of hydrogen and C_1-C_4-alkyl,

R^8 is selected from the group consisting of hydrogen and C_1-C_4-alkyl,

or R^7 and R^8 together form an oxo group (=O),

R^9 is C_1-C_4-alkyl,

R^{10} is selected from the group consisting of hydrogen, -OH and C_1-C_4-alkyl,

R^{11} is hydrogen,

R^{12} and R^{13} are independently selected from the group consisting of

hydrogen, -NH(-C(O)-C_1-C_4-alkyl), C_1-C_4-alkoxy;

C_1-C_4-alkyl, C_3-C_6-cycloalkyl, phenyl-C_1-C_4-alkyl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, -OH, -COOH, C_1-C_4-alkoxy-C(O)-, -C(O)-NH_2, -C(O)-N(C_1-C_4-alkyl)$_2$, -NH-C(O)-C_1-C_4-alkyl, C_1-C_4-alkyl, C_1-C_4-alkoxy, C_3-C_6-cycloalkyl, -NH_2, -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, and (C_1-C_4-alkoxy)$_2$P(=O)-;

heterocyclyl-C_1-C_4-alkyl, wherein the heterocyclyl substituent is selected from the group consisting of 4- to 10-membered heterocycloalkyl, 5-membered heteroaryl and 6-membered heteroaryl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, -OH, oxo, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms and C_1-C_4-alkoxy;

phenyl and benzo-C_5-C_6-cycloalkyl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms; and

a monocyclic or a bicyclic heterocycle selected from the group of 4- to 10-membered heterocycloalkyl, 5-membered heteroaryl and 6-membered heteroaryl each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, -OH, oxo, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms,

R^{14} is selected from the group consisting of

C_1-C_4-alkyl, C_3-C_6-cycloalkyl, phenyl-C_1-C_4-alkyl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of halogen, -OH, C_1-C_4-alkyl, C_1-C_4-alkoxy and C_3-C_6-cycloalkyl; and

4- to 10-membered heterocycloalkyl,

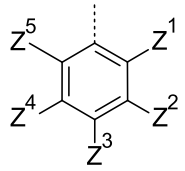
R^{15} is selected from the group consisting of

hydrogen;

C_1-C_4-alkyl, which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of -OH and -COOH; and

a 6-membered heteroaryl,

Q is a substituted phenyl ring of the formula (Q1)



(Q1)

in which:

Z^1 and Z^5 are independently selected from the group consisting of hydrogen, halogen, C_1-C_4-alkyl, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms,

Z^2 and Z^4 are independently selected from the group consisting of hydrogen, halogen, cyano, -OH, C_1-C_4-alkyl, C_1-C_4-alkoxy, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, -S-(C_1-C_4-alkyl) and a 4- to 6-membered heterocycloalkyl, and

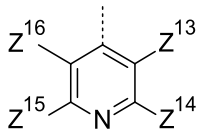
Z^3 is selected from the group consisting of hydrogen, halogen, C_1-C_4-alkyl, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, and -N(C_1-C_4-alkyl)$_2$, or

Z^1 and Z^2 form, together with the carbon atoms that they are connected to, a 5-membered heterocycloalkyl or a 5-membered heteroaryl, each of which may be optionally substituted with one or two substituents selected from the group consisting of methyl, fluorine and oxo,

Z^3 and Z^5 are hydrogen, and

Z^4 is selected from the group consisting of hydrogen and C_1-C_4-alkoxy-C(O)-, or

Q is a pyridine ring of the formula (Q4)

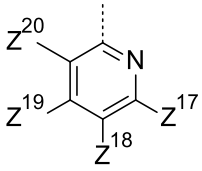


(Q4)

in which:

Z^{13}, Z^{14}, Z^{15} and Z^{16} are independently selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4-alkyl, C_1-C_4-alkoxy, C_1-C_4-hydroxyalkyl, NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -NH-CO-C_1-C_4-alkyl, and monocyclic heterocycles selected from the group of 4- to 7-membered heterocycloalkyl or 5-membered heteroaryls having at least one nitrogen atom via which the heteroaryl ring is connected to the pyridine ring, each of which is optionally substituted with 1, 2 or 3 substituents independently selected from the group consisting of halogen, cyano, nitro, -OH, oxo, thiono, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, C_1-C_4-halogenoalkoxy having 1 to 5 halogen atoms, C_3-C_6-cycloalkyl, -NH_2, -NH(C_1-C_4-alkyl), -N(C_1-C_4-alkyl)$_2$, -S-C_1-C_4-alkyl, -S(O)-C_1-C_4-alkyl, -SO_2-C_1-C_4-alkyl, -S-(C_1-C_4-halogenoalkyl) having 1 to 5 halogen atoms, -S(O)-(C_1-C_4-halogenoalkyl) having 1 to 5 halogen atoms, -SO_2-(C_1-C_4-halogenoalkyl) having 1 to 5 halogen atoms, or

Q is a pyridine ring of the formula (Q5)



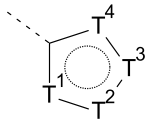
(Q5)

in which:

Z^{17}, Z^{18}, and Z^{19} are hydrogen, and

Z^{20} is halogen, or

Q is a 5-membered aromatic heterocycle of the formula (Q6)



(Q6)

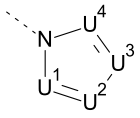
in which:

T^1 – T^4 are independently selected from the group consisting of N, O, S, C-Z^{21} and N-Z^{22}, wherein not more than one of T^1 – T^4 is O, not more than one of T^1 – T^4 is S, not more than one of T^1 – T^4 is N-Z^{22}, and wherein

each Z^{21} is independently selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy, and

each Z^{22} is independently selected from the group consisting of hydrogen, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkyl-C_3-C_6-cycloalkyl, C_1-C_4-alkoxy-C_1-C_4-alkyl, or

Q is a 5-membered aromatic heterocycle of the formula (Q7)



(Q7)

in which:

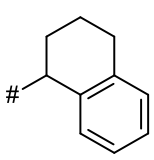
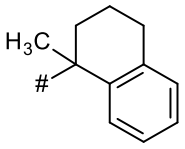
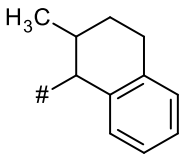
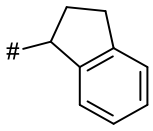
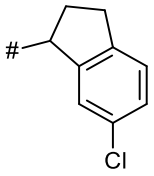
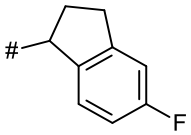
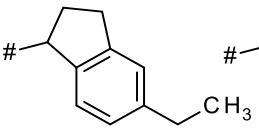
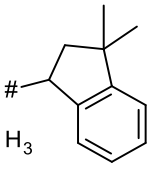
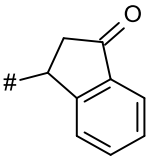
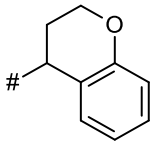
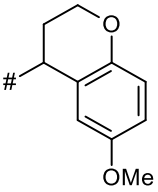
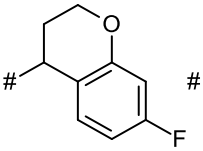
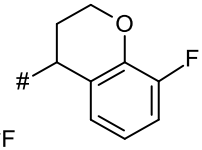
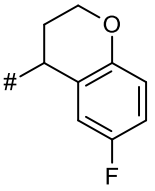
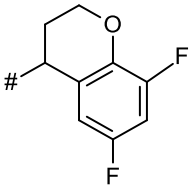
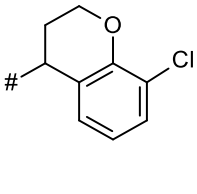
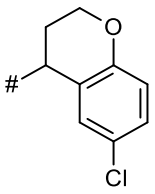
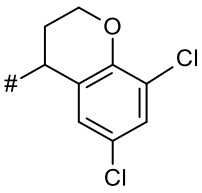
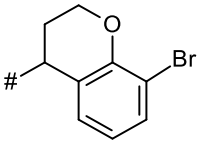
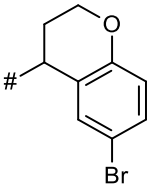
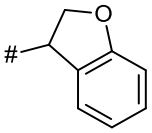
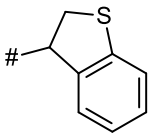
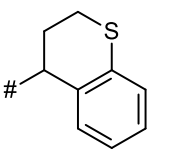
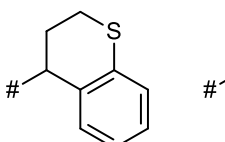
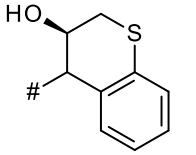
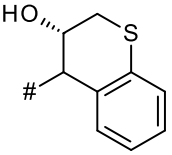
U^1 – U^4 are independently selected from the group consisting of N and C-Z^{23}, wherein not more than three of U^1 – U^4 are N, and wherein

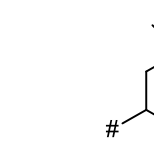
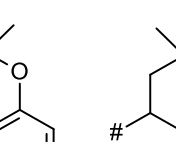
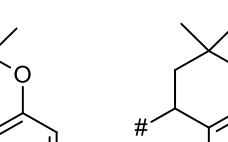
each Z^{23} is independently selected from the group consisting of hydrogen, halogen, cyano, C_1-C_4-alkyl, C_1-C_4-halogenoalkyl having 1 to 5 halogen atoms, C_1-C_4-alkoxy,

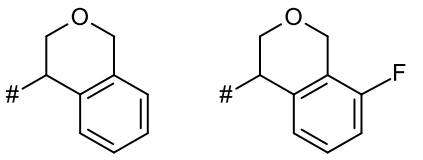
or a stereoisomer, a tautomer, an N-oxide, a hydrate, a solvate, or a salt thereof, or a mixture of same.

5. The compound according to claim 1, 2, 3 or 4, wherein:

A is selected from the group consisting of



R^1 is hydrogen or methyl,

R^2 is selected from the group consisting of

hydrogen, chlorine, iodine, -C(O)-$N(CH_3)_2$,

–$NR^{12}R^{13}$;

–OR^{14};

-SR^{15}, -S(O)R^{15}, -SO_2R^{15};

methyl, ethyl, propyl, isopropyl, cyclopropyl, cyclobutyl, cyclopentyl, cyclohexyl, ethenyl, propenyl, cyclopentenyl, cyclohexenyl, each of which is optionally substituted by 1 or 2 substituents independently selected from the group consisting of -OH, cyano, ethoxy-C(O)-, -C(O)-NH_2, methoxy, NH_2, $N(CH_3)_2$, $N(CH_3)(C(O)CH_3)$; and

a monocyclic or a bicyclic heterocycle selected from the group consisting of azetidine, oxetane, pyrrolidine, tetrahydrofurane, pyrazolidine, imidazolidine, 1,2,4-triazolidine, piperidine, piperazine, tetrahydropyrane, tetrahydropyridine, dihydro-2*H*-pyrane, 1,2-oxazolidine, 1,2-oxazine, morpholine, thiomorpholine, 3,4-dihydroisoquinoline, 2,3-dihydro-indole, 1,3-dihydro-isoindoel, 3,9-dioxa-7-azabicyclo[3.3.1]nonane, 6-oxa-3-azabicyclo[3.1.1]heptane, 8-oxa-3-azabicyclo[3.2.1]octane, thiophene, imidazole, pyrazole, 1,2,4-triazole, 1,2,3-triazole, 1,2,3,4-tetrazole, pyridine, dihydropyridine, pyrimidine, tetrahydropyrimidine, 4-oxa-7-azaspiro[2.5]octane, each of which is optionally substituted by 1, 2, 3 or 4 substituents independently selected from the group consisting of fluorine, chlorine, cyano, -OH, oxo, -COOH, methoxy-C(O)-, ethoxy-C(O)-, tert-butoxy-C(O)-, -C(O)-NH_2, methyl, methyl-C(O)-, difluoromethyl, trifluoromethyl, hydroxymethyl-, methoxymethyl-, -NH_2, -NMe_2, pyrrolidine,

R^3 is hydrogen or methyl,

R^4 is selected from the group consisting of hydrogen, fluorine, chlorine, -OH, cyano, methyl, methoxy, trifluoromethyl, trifluoromethoxy and NH_2,

R^5 is selected from the group consisting of hydrogen, fluorine, chlorine, -OH, cyano, methyl, methoxy and trifluoromethyl,

R^6 is selected from the group consisting of hydrogen, fluorine, chlorine, -OH, cyano, methyl and methoxy,

R^{12} and R^{13} are independently selected from the group consisting of

hydrogen, -NH(-C(O)-methyl), methoxy;

methyl, ethyl, propyl, isopropyl, butyl, isobutyl, cyclopropyl, cyclobutyl, benzyl, 1-phenylethyl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of fluorine, -OH, -COOH, methoxy-C(O)-, ethoxy-C(O)-, tert-butoxy-C(O)-, -C(O)-NH_2, -C(O)-NMe_2, -NH-C(O)-methyl, methyl, methoxy, cyclopropyl, -NH_2, NMe_2, S-methyl, S(O)-methyl, SO_2-methyl, and $(EtO)_2P(=O)$-;

heterocyclyl-methyl, heterocyclyl-ethyl, wherein the heterocyclyl substituent is selected from the group consisting of oxetane, tetrahydrofurane, tetrahydropyrane pyrrolidine, morpholine, pyrazole, imidazole, 1, 2, 4-oxadiazole, pyridine, each of which is optionally substituted by 1 substituent independently selected from the group consisting of fluorine, chlorine, -OH, oxo and methyl;

phenyl;

2,3-dihydro-1H-indene, and

a monocyclic or a bicyclic heterocycle selected from the group of oxetane, thietane, pyrrolidine, morpholine, tetrahydropyrane, pyridine and pyrazole, each of which is optionally substituted by 1 or 2 substituents independently selected from the group consisting of fluorine, chlorine, -OH, oxo, methyl;

R^{14} is selected from the group consisting of

methyl, ethyl, isopropyl, butyl, cyclopentyl, benzyl, each of which is optionally substituted by 1 or 2 substituents independently selected from the group consisting of fluorine, -OH, methyl, methoxy and cyclopentyl; and

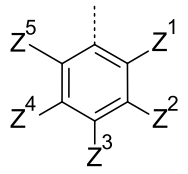
a monocyclic or a bicyclic heterocycle selected from the group consisting of pyrrolidin and tetrahydropyran,

R^{15} is selected from the group consisting of

methyl and ethyl, each of which is optionally substituted by 1 substituent independently selected from the group consisting of -OH and -COOH; and

pyridine,

Q is a substituted phenyl ring of the formula (Q1)



(Q1)

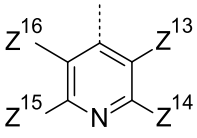
in which:

Z^1 and Z^5 are independently selected from the group consisting of hydrogen, fluorine, chlorine, methyl, trifluoromethyl and methoxy,

Z^2 and Z^4 are independently selected from the group consisting of hydrogen, fluorine, chlorine, -OH, cyano, methyl, ethyl, tert-butyl, -NHMe, $-NMe_2$, trifluoromethyl, methoxy, trifluoromethoxy, -SMe and morpholinyl, and

Z^3 is independently selected from the group consisting of hydrogen, fluorine, chlorine, methyl, methoxy, difluoromethoxy and $–NMe_2$, or

Q is a pyridine ring of the formula (Q4)

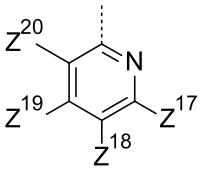


(Q4)

in which:

Z^{13}, Z^{14}, Z^{15} and Z^{16} are independently selected from the group consisting of hydrogen, fluorine, chlorine, cyano, methyl, methoxy, ethoxy, isopropoxy, hydroxymethyl, NH_2, -NHMe $-NMe_2$, -NH-C(O)-Me, morpholinyl, or

Q is a pyridine ring of the formula (Q5)



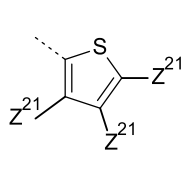
(Q5)

in which:

Z^{17}, Z^{18}, and Z^{19} are hydrogen, and

Z^{20} is fluorine, chlorine, or

Q is selected from the group consisting of



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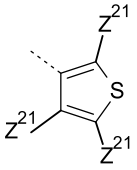

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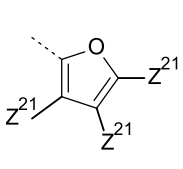

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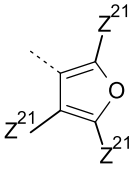
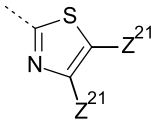
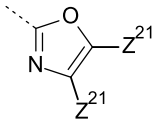


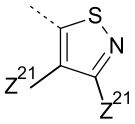
(Q6-4)



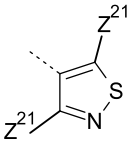
(Q6-5)



(Q6-6)



(Q6-7)



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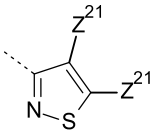

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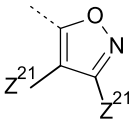

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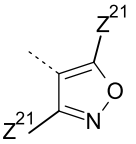

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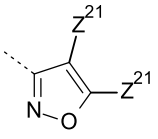
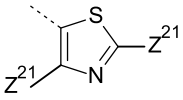
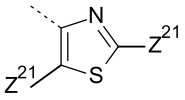


(Q6-12)



(Q6-13)



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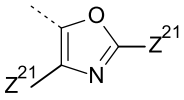
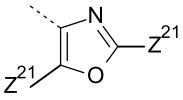


(Q6-15)



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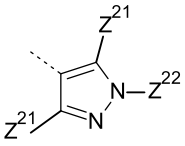

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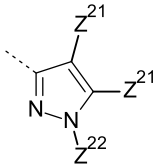

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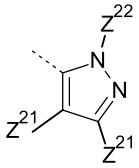

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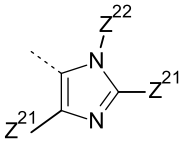

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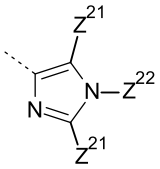

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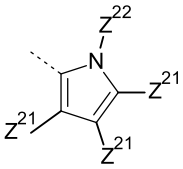

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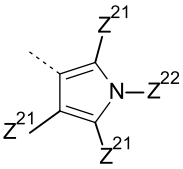

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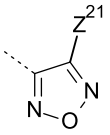

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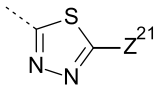

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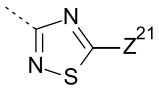

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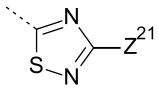

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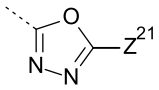

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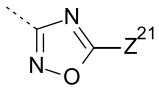

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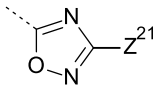
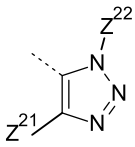


(Q6-30)



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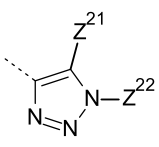

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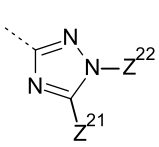

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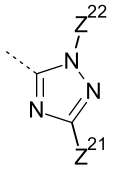

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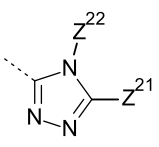
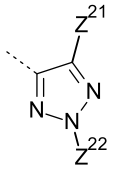
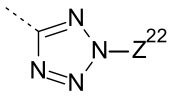


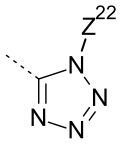
(Q6-35)



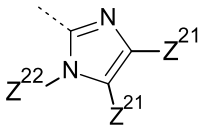
(Q6-36)



(Q6-37)



(Q6-38) or



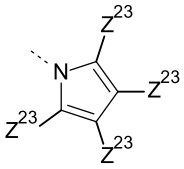
(Q6-39)

in which:

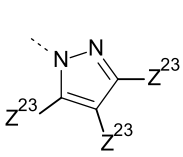
each Z^{21} is independently selected from the group consisting of hydrogen, fluorine, chlorine, cyano, methyl, trifluoromethyl, methoxy and

Z^{22} is hydrogen, methyl, or

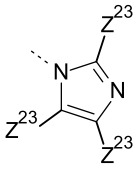
Q is selected from the group consisting of



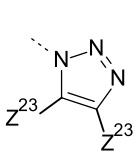
(Q7-1)



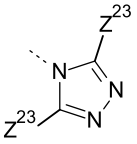
(Q7-2)



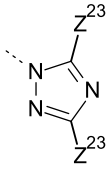
(Q7-3)



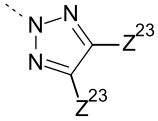
(Q7-4)



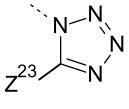
(Q7-5)



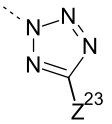
(Q7-6)



(Q7-7)



(Q7-8)

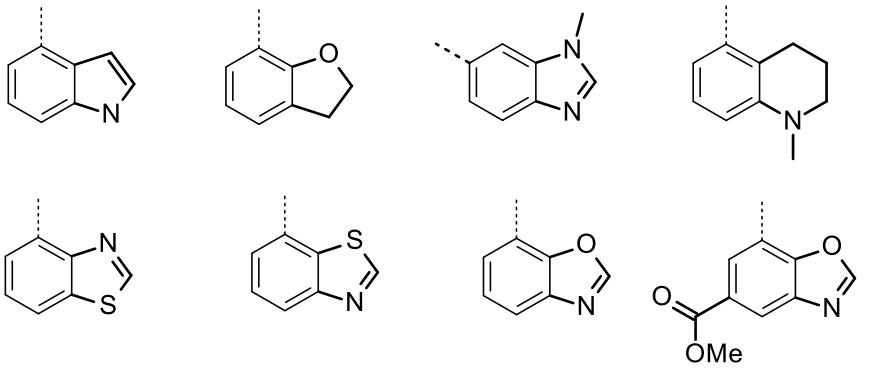


(Q7-9)

in which:

each Z^{23} is independently selected from the group consisting of hydrogen, fluorine, chlorine, cyano, methyl, trifluoromethyl, methoxy, or

Q is selected from the group consisting of

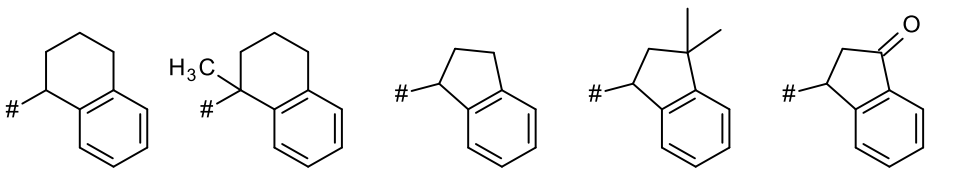


,

or a stereoisomer, a tautomer, an N-oxide, a hydrate, a solvate, or a salt thereof, or a mixture of same.

6. The compound according to claim 1, 2, 3, 4 or 5, wherein:

A is selected from the group consisting of



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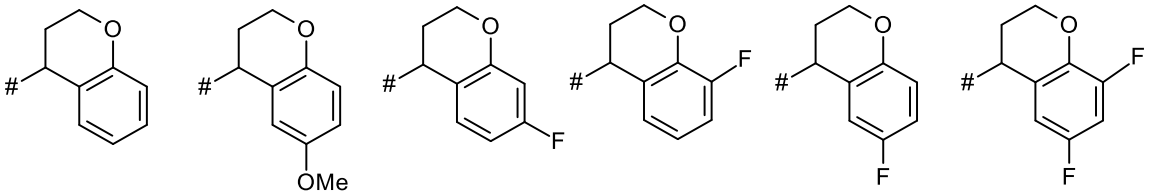
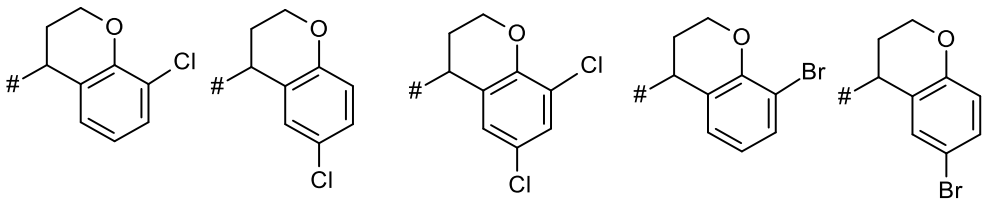
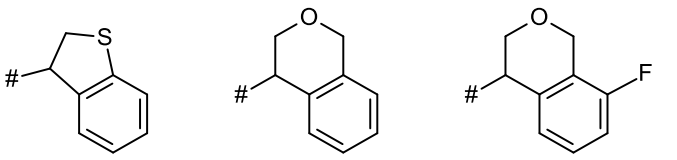






R^1 is hydrogen or methyl,

R^2 is selected from the group consisting of

chlorine, iodine, -C(O)-N(CH_3)$_2$,

–N$R^{12}R^{13}$;

–OR^{14};

-SR^{15}, -S(O)R^{15}, -SO_2R^{15};

methyl, ethyl, propyl, isopropyl, cyclopropyl, cyclobutyl, cyclopentyl, ethenyl, propenyl, each of which is optionally substituted by 1 or 2 substituents independently selected from the group consisting of -OH, cyano, ethoxy-C(O)-, -C(O)-NH_2, methoxy, NH_2, N(CH_3)$_2$, N(CH_3)(C(O)CH_3); and

a monocyclic or a bicyclic heterocycle selected from the group consisting of azetidine, oxetane, pyrrolidine, tetrahydrofurane, pyrazolidine, imidazolidine, 1,2,4-triazolidine, piperidine, piperazine, tetrahydropyrane, dihydro-2*H*-pyrane, 1,2-oxazolidine, morpholine, thiomorpholine, 3,4-dihydroisoquinoline, 2,3-dihydro-indoel, 1,3-dihydro-isoindole, 3,9-dioxa-7-azabicyclo[3.3.1]nonane, 6-oxa-3-azabicyclo[3.1.1]heptane, 8-oxa-3-azabicyclo[3.2.1]octane, thiophene, imidazole, pyrazole, 1,2,3-triazole, 1,2,3,4-tetrazole, pyridine, dihydropyridine, pyrimidine, tetrahydropyrimidine, each of which is optionally substituted by 1, 2, 3 or 4 substituents independently selected from the group consisting of fluorine, -OH, oxo, -COOH, methoxy-C(O)-, ethoxy-C(O)-, tert-butoxy-C(O)-, -C(O)-NH_2, methyl, methyl-C(O)-, difluoromethyl, trifluoromethyl, hydroxymethyl-, methoxymethyl-, -NH_2, -NMe_2, pyrrolidine,

R^3 is hydrogen or methyl,

R^4 is selected from the group consisting of hydrogen, chlorine, fluorine, methyl, methoxy and trifluoromethyl,

R^5 is selected from the group consisting of hydrogen, chlorine, fluorine, -OH, cyano, methyl, trifluoromethoxy and NH_2,

R^6 is selected from the group consisting of hydrogen, fluorine, chlorine, -OH, cyano, methyl and methoxy,

R^{12} and R^{13} are independently selected from the group consisting of

hydrogen, -NH(-C(O)-methyl), methoxy;

methyl, ethyl, propyl, isopropyl, butyl, isobutyl, cyclopropyl, cyclobutyl, benzyl, 1-phenylethyl, each of which is optionally substituted by 1, 2 or 3 substituents independently selected from the group consisting of fluorine, -OH, -COOH, methoxy-C(O)-, ethoxy-C(O)-, tert-butoxy-C(O)-, -C(O)-NH_2, -C(O)-NMe_2, -NH-C(O)-methyl, methyl, methoxy, cyclopropyl, -NH_2, -NMe_2, , SO_2-methyl and $(EtO)_2P(=O)$-;

heterocyclyl-methyl, heterocyclyl-ethyl, wherein the heterocycyl substituent is selected from the group consisting of oxetane, tetrahydrofurane, tetrahydropyrane, pyrrolidine, pyrazole, imidazole 1, 2, 4-oxadiazole, morpholine, pyridine, each of which is optionally substituted by 1 substituent independently selected from the group consisting of oxo and methyl;

phenyl;

2,3-dihydro-1H-indene, and

a monocyclic or a bicyclic heterocycle selected from the group of oxetane, morpholine, tetrahydropyrane, pyridine and pyrazole;

R^{14} is selected from the group consisting of

methyl, ethyl, isopropyl, butyl, cyclopentyl, benzyl, each of which is optionally substituted by 1 or 2 substituents independently selected from the group consisting of fluorine, -OH, methyl, methoxy and cyclopentyl; and

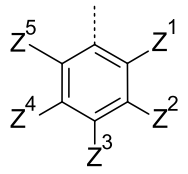
a monocyclic or a bicyclic heterocycle selected from the group consisting of pyrrolidin and tetrahydropyran,

R^{15} is selected from the group consisting of

methyl and ethyl, each of which is optionally substituted by 1 substituent independently selected from the group consisting of -OH and -COOH; and

pyridine,

Q is a substituted phenyl ring of the formula (Q1)



(Q1)

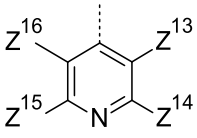
in which:

Z^1 and Z^5 are independently selected from the group consisting of hydrogen, fluorine, chlorine, methyl, methoxy and trifluoromethyl,

Z^2 and Z^4 are independently selected from the group consisting of hydrogen, fluorine, chlorine, -OH, cyano, methyl, ethyl, tert-butyl, -NHMe, $-NMe_2$, trifluoromethyl, methoxy, trifluoromethoxy, -SMe and morpholinyl, and

Z^3 is independently selected from the group consisting of hydrogen, fluorine, chlorine, methyl, methoxy, difluoromethoxy and $–NMe_2$, or

Q is a pyridine ring of the formula (Q4)



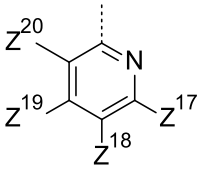
(Q4)

in which:

Z^{14} and Z^{15} are independently selected from the group consisting of hydrogen, fluorine, chlorine, cyano, methyl, methoxy, ethoxy, isopropoxy, hydroxymethyl, NH_2, morpholinyl and

Z^{13} and Z^{16} are independently selected from the group consisting of hydrogen, fluorine, chlorine, methyl, methoxy, or

Q is a pyridine ring of the formula (Q5)



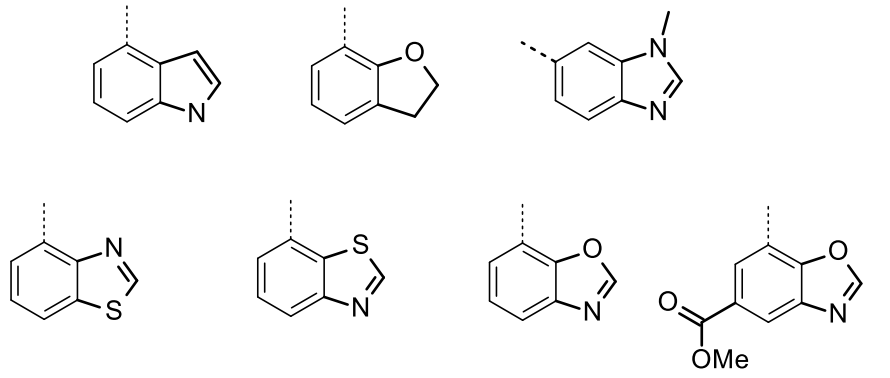
(Q5)

in which:

Z^{17}, Z^{18}, and Z^{19} are hydrogen, and

Z^{20} is fluorine, or

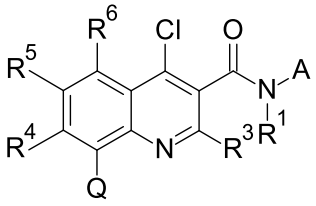
Q is selected from the group consisting of



,

or a stereoisomer, a tautomer, an N-oxide, a hydrate, a solvate, or a salt thereof, or a mixture of same.

7. A method of preparing a compound of general formula (I) according to any one of claims 1 to 6, said method comprising the step of allowing an intermediate compound of general formula **1N** :



1N,

in which A, R^1, R^3, R^4, R^5, R^6, and Q are as defined for the compound of general formula (I) according to any one of claims 1 to 6,

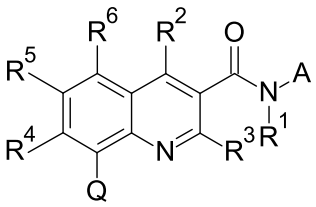
to react with a compound of general formula **1F** :

R^2H

1F,

in which R^2 is $NR^{12}R^{13}$, OR^{14}, or SR^{15}, each as defined for the compound of general formula (I) according to any one of claims 1 to 6,

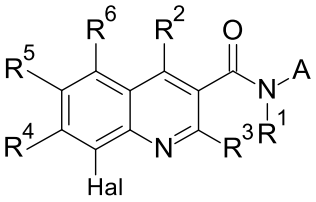
thereby giving a compound of general formula (I) :



(I),

in which A, R^1, R^2, R^3, R^4, R^5, R^6, and Q are as defined for the compound of general formula (I) according to any one of claims 1 to 6,

or the step of allowing an intermediate compound of general formula **1T** :



1T,

in which A, R^1, R^2, R^3, R^4, R^5 and R^6 are as defined for the compound of general formula (I) according to any one of claims 1 to 6, and in which Hal is halogen, particularly chlorine, bromine or iodine,

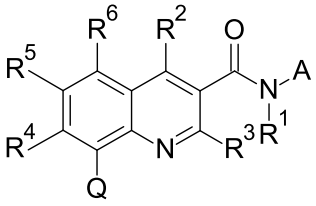
to react with a compound of general formula **1H** :

$$Q\text{-}B(OR)_2$$

1H,

in which Q is as defined for the compound of general formula (I) according to any one of claims 1 to 6, and each R may be individually H or Me or both R are pinacolate,

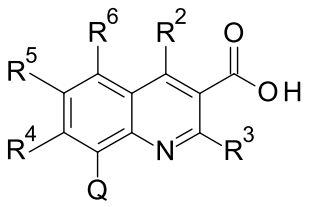
thereby giving a compound of general formula (I) :



(I),

in which A, R^1, R^2, R^3, R^4, R^5, R^6, and Q are as defined for the compound of general formula (I) according to any one of claims 1 to 6,

or the step of allowing an intermediate compound of general formula **1W** :



1W,

in which Q, R^2, R^3, R^4, R^5 and R^6 are as defined for the compound of general formula (I) according to any one of claims 1 to 6,

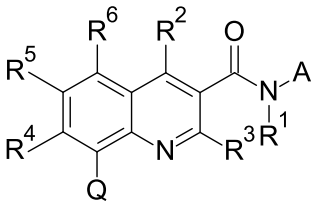
to react with a compound of general formula **1M** :



1M,

in which R^1 and A are as defined for the compound of general formula (I) according to any one of claims 1 to 6,

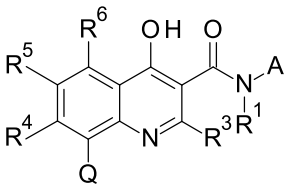
thereby giving a compound of general formula (I) :



(I),

in which A, R^1, R^2, R^3, R^4, R^5, R^6, and Q are as defined for the compound of general formula (I) according to any one of claims 1 to 6,

or the step of allowing an intermediate compound of general formula **1X** :



1X,

in which Q, A, R^1, R^3, R^4, R^5 and R^6 are as defined for the compound of general formula (I) according to any one of claims 1 to 6,

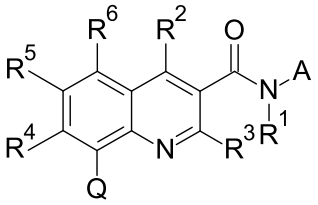
to react with a compound of general formula **1Y** :

R^2H

1Y,

in which R^2 is OR^{14} as defined for the compound of general formula (I) according to any one of claims 1 to 6,

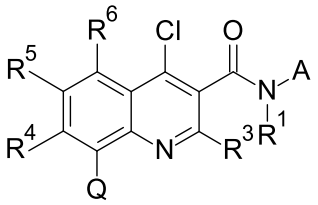
thereby giving a compound of general formula (I) :



(I),

in which A, R^1, R^3, R^4, R^5, R^6, and Q are as defined for the compound of general formula (I) according to any one of claims 1 to 6 and R^2 is C^1-C^4-alkoxy which is optionally substituted as defined for the compound of general formula (I) according to any one of claims 1 to 6,

or the step of allowing an intermediate compound of general formula **1N** :



1N,

in which Q, A, R^1, R^3, R^4, R^5 and R^6 are as defined for the compound of general formula (I) according to any one of claims 1 to 6,

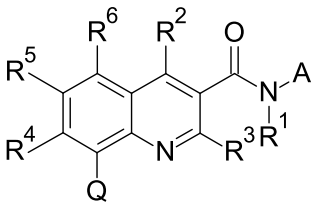
to react with a compound of general formula **2A** :

$R^2Met\text{-}X$

2A,

in which R^2 is C_1-C_4-alkyl, C_3-C_6-cycloalkyl, C_2-C_4-alkenyl, C_3-C_6-cycloalkenyl, C_2-C_4-alkynyl or phenyl-C_1-C_4-alkyl, each of which is optionally substituted as defined for the compound of general formula (I) according to any one of claims 1 to 6, Met is magnesium or zinc, and X is chlorine, bromine or iodine,

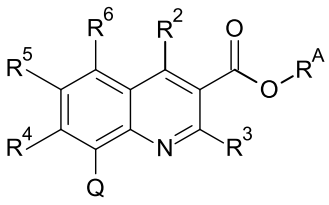
thereby giving a compound of general formula (I) :



(I),

in which A, R^1, R^3, R^4, R^5, R^6, and Q are as defined for the compound of general formula (I) according to any one of claims 1 to 6 and R^2 is C_1-C_4-alkyl, C_3-C_6-cycloalkyl, C_2-C_4-alkenyl, C_3-C_6-cycloalkenyl, C_2-C_4-alkynyl or phenyl-C_1-C_4-alkyl, each of which is optionally substituted as defined for the compound of general formula (I) according to any one of claims 1 to 6.

8. A compound of general formula (II):



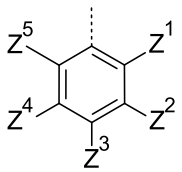
(II),

in which :

R^2 is -OH or as defined for the compound of general formula (I) according to any one of claims 1 to 6,

R^3, R^4, R^5, R^6 are as defined for the compound of general formula (I) according to any one of claims 1 to 6,

Q is a substituted phenyl ring of the formula (Q1)



(Q1)

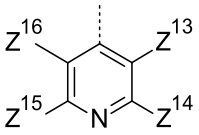
in which:

Z^1 and Z^5 are independently selected from the group consisting of hydrogen, fluorine, chlorine, methyl, and trifluoromethyl,

Z^2 and Z^4 are independently selected from the group consisting of hydrogen, fluorine, chlorine, -OH, cyano, methyl, ethyl, tert-butyl, -NHMe, -NMe_2, trifluoromethyl, methoxy, trifluoromethoxy, -SMe and morpholinyl, and

Z^3 is independently selected from the group consisting of hydrogen, fluorine, chlorine, methyl, methoxy, difluoromethoxy and –NMe_2, or

Q is a pyridine ring of the formula (Q4)

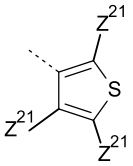


(Q4)

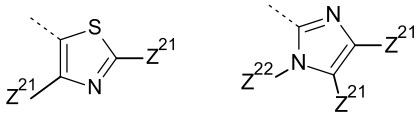
in which:

Z^{13}, Z^{14}, Z^{15} and Z^{16} are independently selected from the group consisting of hydrogen, fluorine, chlorine, cyano, methyl, methoxy, ethoxy, isopropoxy, hydroxymethyl, NH_2, -NHMe -NMe_2, -NH-C(O)-Me, morpholinyl, or

Q is selected from the group consisting of



(Q6-2)



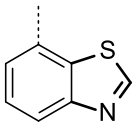
(Q6-13) or (Q6-39)

in which:

each Z^{21} is independently selected from the group consisting of hydrogen, fluorine, chlorine, cyano, methyl, trifluoromethyl, methoxy and

Z^{22} is hydrogen, methyl, or

Q is selected from the group consisting of



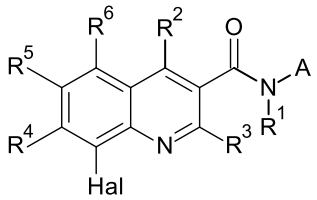
,

and

R^A is H or C_1-C_4-alkyl,

or a stereoisomer, a tautomer, an N-oxide, a hydrate, a solvate, or a salt thereof, or a mixture of same.

9. A compound of general formula (III):



(III),

in which :

R^2 is -OH or as defined for the compound of general formula (I) according to any one of claims 1 to 6,

A, R^1, R^3, R^4, R^5, and R^6 are as defined for the compound of general formula (I) according to any one of claims 1 to 6, and

Hal is halogen,

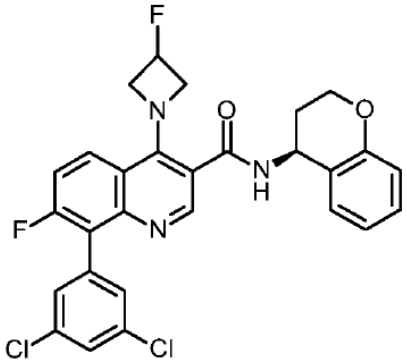
or a stereoisomer, a tautomer, an N-oxide, a hydrate, a solvate, or a salt thereof, or a mixture of same.

10. A compound of general formula (I) according to any one of claims 1 to 6 for use in the control, treatment and/or prevention of a disease.

11. A pharmaceutical composition comprising a compound of general formula (I) according to any one of claims 1 to 6 and one or more pharmaceutically acceptable excipients.

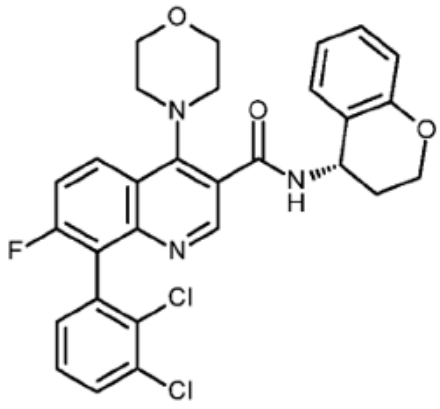
12. Use of a compound of general formula (I) according to any one of claims 1 to 6 or a pharmaceutical composition according to claim 11 for the preparation of a medicament for the control, treatment and/or prevention of a helminthic infection.

13. A compound of general formula (I) according to any one of claims 1 to 6, wherein the compound is a compound of formula (I-a)



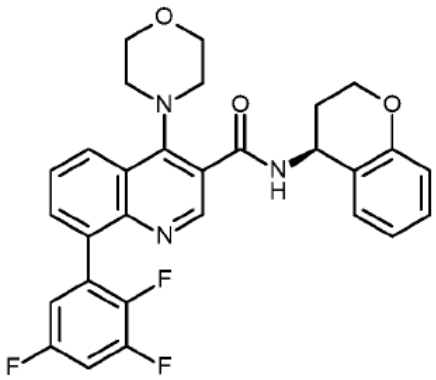
(I-a).

14. A compound of general formula (I) according to any one of claims 1 to 6, wherein the compound is a compound of formula (I-b)



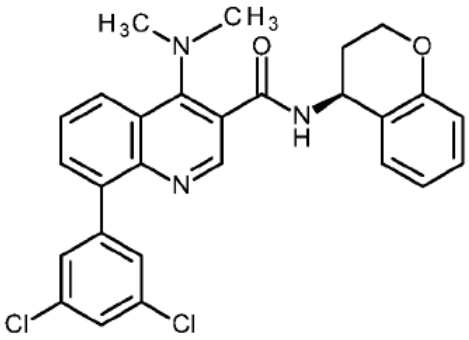
(I-b).

15. A compound of general formula (I) according to any one of claims 1 to 6, wherein the compound is a compound of formula (I-c)



(I-c).

16. A compound of general formula (I) according to any one of claims 1 to 6, wherein the compound is a compound of formula (I-d)



(I-d).